



**TEACHERS,
EDUCATORS,
YOUTH
LEADERS...**

Come see us this Fall at the
Outdoor Teacher Resource
Center We're here to help
with:

- Lesson plans and hands on activities for the conservation classroom
- Education Trunks
- Children's book library, videos, and posters
- Grant information and more...

Call 816-759-7305 and schedule
an appointment with an education consultant.

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Sedalia District Office
Betty Ream (600-530-5500)
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Outdoor Teacher

GORMAN DISCOVERY CENTER

FALL 2009

DISCOVER NATURE SCHOOLS

Just like new shoes for school, the Missouri Department of Conservation has developed a program that will fit and satisfy state officials, administrators, teachers and students alike. It is called Discover Nature Schools and it encourages students and teachers to go outside to explore and learn about nature. The purpose of the program is to promote conservation education through instructional units that meet grade-level expectations and encourage hands-on outdoor learning experiences. Students and teachers are provided books as well as grant funds for classroom materials and a field trip experience. A six hour teacher training is required. The Discover Nature School Grants are for upper elementary and middle schools at this time.



Discover Nature School - Nature Unleashed

Geared toward **grades 3 to 5**. This program explores three ecosystems: ponds, forests and prairies. Students are given books and science journals to use in the lessons that increase student understanding and appreciation of our natural resources and our role in conserving them. Activities are designed to get the students outside exploring, investigating and asking questions about nature.

Discover Nature School - Conserving Missouri's Aquatic Ecosystems

Structured for middle schools **grades 6 to 8**. This program has students recording, quantifying, and evaluating observations about aquatic ecosystems. Each chapter of the book aids the student in developing an understanding of ecological concepts by direct contact with and observation of the natural world.

For more information go to www.mdc.mo.gov, click on EDUCATION then Conservation Education Grants (Learn more). **To pursue this funding opportunity contact Claudine Lamb, Kathie May, or Sally Bell (side bar pg. 1).** Listed below are scheduled fall dates for the required 6 hour training.



Conserving Missouri's Aquatic Ecosystems

- September 3, 2009 4 – 7 PM & September 10, 2009 4 – 7 PM @ Burr Oak Woods (BOW) Nature Center, Blue Springs
- October 1, 2009 5 – 8 PM & October 8, 2009 5 – 8 PM @ Discovery Center (DC)

Nature Unleashed

- October 1, 2009 5 – 8 PM & October 8, 2009 5 – 8 PM @ Discovery Center (DC)

Conservation Seeds



The Bloom of the Flowering Dogwood

Seeds are what we plant when we want to produce a harvest or a continued life cycle. Without the planting of a seed, forest, fish, and wildlife could not exist. Attend this workshop and you will be supplied with a 336 page instructional guide filled with developmentally age appropriate lessons and activities for ages three through seven. You will also receive a trunk filled with all the supplies needed to teach the lessons modeled during the workshop. Conservation Seeds

has a seasonal framework. Each section begins with a general description of the environmental changes and it focuses on how we interact differently with the changing environment. Help plant the seeds of conservation in your students by attending Conservation Seeds. This workshop is scheduled for **Thursday, September 17, 2009 from 5:00-8:00 p.m. @ DC.** To enroll contact **Claudine Lamb, Kathie May, or Sally Bell (side bar pg. 1).**

"We abuse land because we regard it as a commodity belonging to us. When we see land as a community to which we belong, we may begin to use it with love and respect"
Aldo Leopold

Science Wise Project Wild (College Credit)

Want a conservation lesson for Monday? Sign up for this Science Wise course sponsored by Science Pioneers and the Missouri Department of Conservation. Project Wild is an interdisciplinary conservation and environmental education program emphasizing wildlife and their habitats. Spend the day at the Anita B. Gorman Discovery Cen-

ter on October 3 from 8:00-4:00 p.m. with educational consultants, Sally Bell and Claudine Lamb learning how to implement Project Wild into your classroom. Besides prepared lessons each participant will walk away with a conservation trunk filled with hands on supplies, science tools, and books. This program will meet Missouri, Kansas, and

National Education Standards.

To enroll visit:

www.sciencepioneers.org

Class is limited to 24 participants. Registration for course is due 2 weeks prior to the course date. **Any questions contact Sally Bell (side bar pg. 1).**

Rough
Green Tree
Snake, "Dry
as a bone,
scaly
prone, cold
blooded,
sun lovin."



Critter Rock is a wonderful way to inspire kids to learn about nature. What better way to teach

classification other than rockin to the *Reptile Rap*. This song discusses the characteristics of reptiles such as scales which is their

Critter Rock

protective armor. There are many types of habitats other than your backyard. *Habitude* will allow your students an opportunity to learn a variety of habitats and the four components required for wildlife survival. We will show you how you can integrate this CD into your class. Also, we'll discuss how to build interdisciplinary lessons

around each song that will connect to your GLE's or age appropriate lesson plans. This workshop is designed for educators of ages 3-10 and scheduled for **October 15, 2009 from 5:00-8:00 p.m. @ D.C.** To enroll contact **Betty Ream at 660-530-5500 or Betty.Ream@mdc.mo.gov.**

Projects Wild, Woody, and Wet

PROJECT WILD is an interdisciplinary conservation and environmental education program emphasizing wildlife. This course is designed for educators working with students from kindergarten through twelfth grade. The goal of Project Wild is to assist students of any age in developing awareness, knowledge, and commitment to result in informed decisions, responsible behavior, and constructive actions conserving wildlife and the environment. This training is scheduled for **Saturday, September 12, 2009 at UCM.**

PROJECT LEARNING TREE is widely recognized as one of the premier environmental education programs in the world. Through hands-on, interdisciplinary activities, PLT helps young people learn how to think, not what to think about environmental issues. This class is scheduled for **Saturday, October 24, 2009 at UCM.**

PROJECT WET is a collection of innovative, water-related activities that are hands-on, easy to use, and fun. All project classes incorporate a variety of formats such as large and small group learning, whole-body activities, laboratory investigations, discussion of local and global topics and involvement in community service projects. This training will be held **Saturday, November 7, 2009 at UCM.**



Wet, Wild, & Woody Workshop Enrollment: These workshops will take place at the University of Central Missouri (UCM) in Warrensburg, Missouri from **9-3 p.m.** Transportation will be provided from Burr Oak Woods Nature Center in Blue Springs on a first-come, first-serve basis for 5 Missouri educators. **To enroll contact Kathie May (side bar pg. 1).**

Discover Nature Women: Girls Camp Out

Back by **POPULAR DEMAND**. Here's a chance to experience the great outdoors with a "girls only" camping experience. We will camp at Hartell Lakes Conservation Area near Lawson/Plattsburg Mo. Don't miss out on a fun adventure in which you cook, camp, hike, tie knots, canoe, bird watch, and take aim with bows & arrows. Enjoy your natural surroundings while having fun, fun, and more fun making new friends and reconnecting with old friends as you join us for this "Girls Only" event. Further details will be provided as you sign up. **To enroll please contact Kathie May (side bar pg. 1)** and leave the following information: name, address, phone number and/or email address.

This event is scheduled for **Saturday November 7, 2009 from 1:00 p.m. until Sunday, November 8, 2009 12 noon.**



Mom Meredith and daughter Bianca display their outdoor skills.



Missouri Dept of Conservation

Anita B. Gorman Discovery Center
4750 Troost Ave
Kansas City Missouri 64110
816-759-7300

Fax: 816-759-7333
www.mdc.mo.gov

Discovery Trunks

What are DISCOVERY TRUNKS? These are trunks filled with hands-on teaching tools, video tapes and reference materials to assist in the instruction of conservation for children.



Trunks are available for teachers and youth leaders and will offer you the opportunity to teach conservation in 3-D. We have Mammal, Tree, Fish, Wetland, Amphibian and Reptile, Bird, Black Bear, and Insect Trunks. In order to be eligible to check the trunks out you will need to attend a three-hour workshop held on **Thursday November 12, 2009 from 5 to 8 pm. To enroll contact Claudine Lamb (side bar pg. 1) .**

SCHOOL PROGRAMS

Eagle Days

Each year the Missouri Department of Conservation and the U. S. Fish and Wildlife Service host the Eagle Days School Program for local schools. This year we are again offering this program to local schools. This event will be held on Friday, December 4 at Squaw Creek National Wildlife Refuge. This is approximately a three hour program that includes a live eagle program, hands-on wetland related exhibits, and viewing eagles and their nests on the refuge. Teachers will also receive free educational materials prior to the field trip. Field trip grants are available to cover transportation cost for students grades K-3 if you register before October 31; the early bird gets the worm. **Registration begins Oct 1, 2009; contact Adam Brandsgaard at 660-646-6122 ext.239**



Join us for Eagle Days and view perching bald eagles.

Conservation-mobile

If you're interested in having a conservation education program come to your classroom to assist in meeting your Science Grade Level Expectations (GLE's), then we have the perfect opportunity for you. Education Consultants are available to do school programs. We have programs developed for classifications (trees or mammals), life cycles, food chains, mammals and more. **Contact Kathie May, Sally Bell, or Claudine Lamb (side bar pg. 1) for additional information. If you're near the Sedalia area contact Betty Ream at 660-530-5500 ext.287**